Questions

For

Industry

Federal Aviation
Administration

Purpose

Offer Industry some insight into questions the FAA-AST team and other Stakeholders are considering

- Industry Partners will have an opportunity to address these questions on a future date

Questions for Industry - Programmatic

- 1. Architectural options – taking a clean sheet of paper approach to the civil STM system
- 2. Business Model – Provide insights on these or any other business models
  - Government-Owned, Contractor-Operated
  - Public/private partnership
  - FAA Civil Service ops team (Government-Owned, Government-Operated)
  - Licensed providers
- 3. Pilot program options –
  - Pilot program(s) is intended to be a confidence building measure
  - Efficient application of resources (funding and time)
  - Applicability to eventual operational program
  - What functionality should be included in the pilot?

Methods to measure performance

- Measuring performance is an important aspect of the CSTM system
  - Transparency
  - Enable improvement
- 4. How do we measure success - What Key Performance Parameters would industry, academia, and customers recommend for FAA to consider?
  - Customer service level
  - Adaptability
  - Timeliness of data
  - Quality/Accuracy of Data
  - Flexibility of service
- 5. What innovations would customers like the FAA to incorporate in our program planning?

Questions for Industry - Technical/Operational Issues

- 6. Coordinating Multiple catalogs

- 7. Operational capabilities of Non-SSN Observation Assets in each orbit regime

- 8. Operational Collision Avoidance requirements

- 9. Inputs on desired improvements to the existing collision avoidance warning process